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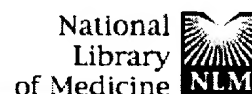
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L13	L12 AND antibody	42	L13
L12	L10 AND amyloid	48	L12
L11	L10 AND amyloid-precursor-protein	0	L11
L10	BACE	217	L10

DB=USPT,PGPB; PLUR=YES; OP=OR

L9	L8 AND BACES	39	L9
L8	((435/6 435/7.1 435/7.2 435/29)!.CCLS.)	19409	L8
L7	L6 AND BACE	7	L7
L6	((424/126.1 424/130.1 424/141.1 424/146.1 424/178.1)!.CCLS.)	1838	L6
L5	Price-Donald-L.IN.	5	L5
L4	Cai-Huaibin.IN.	1	L4
L3	Wong-Philip-C.IN.	2	L3
L2	L1 AND Philip.IN.	69	L2
L1	(Wong.IN.)	4925	L1

END OF SEARCH HISTORY



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(APP OR APPS)

9126 CLEAVING

2 CLEAVINGS

9127 CLEAVING

(CLEAVING OR CLEAVINGS)

666030 ENZYME

377116 ENZYMES

835118 ENZYME

(ENZYME OR ENZYMES)

7441067 1

L1 5 BETA-SITE APP-CLEAVING ENZYME 1

(BETA(W)SITE(W)APP(W)CLEAVING(W)ENZYME(W)1)

=> D L1 1-5

L1 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2002:893561 CAPLUS

TI .beta.-Secretase (BACE) as a drug target for alzheimer's disease

AU Vassar, Robert

CS Department of Cell and Molecular Biology, Northwestern University Medical
School, Chicago, IL, 60611, USA

SO Advanced Drug Delivery Reviews (2002), 54(12), 1589-1602

CODEN: ADDREP; ISSN: 0169-409X

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2002:814910 CAPLUS

DN 137:334041

TI Methods for producing .beta.-secretase transgenic mice,
anti-.beta.-secretase antibodies, and their uses in screening drugs for
treating neurodegenerative diseases

IN Wong, Philip C.; Cai, Huaibin; Price, Donald L.

PA USA

SO U.S. Pat. Appl. Publ., 34 pp., Cont.-in-part of U.S. Ser. No. 708,096.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002157122	A1	20021024	US 2001-3630	20011029
PRAI	US 2000-244051P	P	20001027		
	US 2000-708096	A2	20001103		

L1 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2002:449209 CAPLUS

DN 137:307722

TI A non-amyloidogenic function of BACE-2 in the secretory pathway

AU Fluhrer, Regina; Capell, Anja; Westmeyer, Gil; Willem, Michael; Hartung,
Bianka; Condron, Margaret M.; Teplow, David B.; Haass, Christian; Walter,
Jochen

CS Adolf Butenandt-Institute, Department of Biochemistry, Laboratory for
Alzheimer's and Parkinson's Disease Research, Ludwig-Maximilians-
University, Munich, 80336, Germany

SO Journal of Neurochemistry (2002), 81(5), 1011-1020
CODEN: JONRA9; ISSN: 0022-3042

PB Blackwell Science Ltd.

DT Journal

LA English

RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2001:846151 CAPLUS

DN 136:100021

TI The .beta.-secretase, BACE. A prime drug target for Alzheimer's disease

AU Vassar, Robert

CS Department of Cell and Molecular Biology, Northwestern University Medical
School, Chicago, IL, 60611, USA

SO Journal of Molecular Neuroscience (2001), 17(2), 157-170

CODEN: JMNEES; ISSN: 0895-8696

PB Humana Press Inc.

DT Journal; General Review

LA English

RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS

AN 2001:159878 CAPLUS

DN 134:339103

TI Mice deficient in BACE1, the Alzheimer's .beta.-secretase, have normal
phenotype and abolished .beta.-amyloid generation

AU Luo, Yi; Bolon, Brad; Kahn, Steve; Bennett, Brian D.; Babu-Khan, Safura;
Denis, Paul; Fan, Wei; Kha, Hue; Zhang, Jianhua; Gong, Yunhua; Martin,
Laura; Louis, Jean-Claude; Yan, Qiao; Richards, William G.; Citron,
Martin; Vassar, Robert

CS Amgen, Thousand Oaks, CA, 91320, USA

SO Nature Neuroscience (2001), 4(3), 231-232

CODEN: NANEFN; ISSN: 1097-6256

PB Nature America Inc.

DT Journal

LA English

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> S BACE1

L2 86 BACE1

=> S L2 AND amyloid

15245 AMYLOID

1512 AMYLOIDS

15319 AMYLOID

(AMYLOID OR AMYLOIDS)

L3 26 L2 AND AMYLOID

=> D L3 1-26

L3 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2003 ACS

AN 2003:37151 CAPLUS

TI Amyloidogenic processing of the Alzheimer .beta.- ***amyloid***
precursor protein depends on lipid rafts

AU Ehehalt, Robert; Keller, Patrick; Haass, Christian; Thiele, Christoph;
Simons, Kai

CS Max Planck Institute of Molecular Cell Biology and Genetics, Dresden,
D-01307, Germany

SO Journal of Cell Biology (2003), 160(1), 113-123

CODEN: JCLBA3; ISSN: 0021-9525

PB Rockefeller University Press

DT Journal

LA English

RE.CNT 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2003 ACS

AN 2002:913849 CAPLUS

TI Emerging Alzheimer's disease therapies: inhibition of .beta.-secretase

AU Citron, Martin

CS Department of Neuroscience, M/S 29-2-B, Amgen Inc., One Amgen Center
Drive, Thousand Oaks, CA, 91320, USA

SO Neurobiology of Aging (2002), 23(6), 1017-1022

CODEN: NEAGDO; ISSN: 0197-4580

PB Elsevier Science Inc.
DT Journal
LA English

L3 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:908578 CAPLUS
TI Enzymic properties of recombinant BACE2
AU Kim, Yong-Tae; Downs, Deborah; Wu, Shili; Dashti, Azar; Pan, Yujun; Zhai, Peng; Wang, Xinjuan; Zhang, Xuejun C.; Lin, Xinli
CS Functional Proteomics Laboratory and Crystallography Program, Oklahoma Medical Research Foundation, Oklahoma City, OK, 73104, USA
SO European Journal of Biochemistry (2002), 269(22), 5668-5677
CODEN: EJBCAI; ISSN: 0014-2956
PB Blackwell Science Ltd.
DT Journal
LA English
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:893561 CAPLUS
TI .beta.-Secretase (BACE) as a drug target for alzheimer's disease
AU Vassar, Robert
CS Department of Cell and Molecular Biology, Northwestern University Medical School, Chicago, IL, 60611, USA
SO Advanced Drug Delivery Reviews (2002), 54(12), 1589-1602
CODEN: ADDREP; ISSN: 0169-409X
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:849607 CAPLUS
DN 137:353007
TI Preparation of .beta.-carboline and other inhibitors of BACE-1 aspartic proteinase useful against Alzheimer's and other BACE-mediated diseases
IN Bhisetti, Govinda R.; Saunders, Jeffrey O.; Murcko, Mark A.; Lepre, Christopher A.; Britt, Shawn D.; Come, Jon H.; Deninger, David D.; Wang, Tianshang
PA Vertex Pharmaceuticals Incorporated, USA
SO PCT Int. Appl., 208 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002088101	A2	20021107	WO 2002-US13741	20020429
	WO 2002088101	A3	20030103		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2001-287169P	P	20010427		
	US 2001-301049P	P	20010626		
	US 2001-342263P	P	20011218		
OS	MARPAT 137:353007				

L3 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:842994 CAPLUS
DN 138:104539
TI .beta.-Secretase as a target for the treatment of Alzheimer's disease
AU Citron, Martin
CS Department of Neuroscience, Amgen Inc., Thousand Oaks, CA, 91320, USA
SO Journal of Neuroscience Research (2002), 70(3), 373-379
CODEN: JNREDK; ISSN: 0360-4012
PB Wiley-Liss, Inc.
DT Journal; General Review

LA English
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:819567 CAPLUS
DN 138:53304
TI Alzheimer's .beta.-secretase and glycan-chains
AU Kitazume, Shinobu; Hashimoto, Yasuhiro; Saido, Takaomi
CS Glyco-Chain Func. Lab., RIKEN, wako, 351-0198, Japan
SO Baioisaiensu to Indasutori (2002), 60(10), 685-686
CODEN: BIDSE6; ISSN: 0914-8981
PB Baioindasutori Kyokai
DT Journal; General Review
LA Japanese

L3 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:818676 CAPLUS
DN 138:87888
TI Failure of the interaction between presenilin 1 and the substrate of .gamma.-secretase to produce A.beta. in insect cells
AU Pitsi, Didier; Kienlen-Campard, Pascal; Octave, Jean-Noel
CS Laboratoire de pharmacologie experimentale, Universite catholique de Louvain, Brussels, Belg.
SO Journal of Neurochemistry (2002), 83(2), 390-399
CODEN: JONRA9; ISSN: 0022-3042
PB Blackwell Science Ltd.
DT Journal
LA English

RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:814910 CAPLUS
DN 137:334041
TI Methods for producing .beta.-secretase transgenic mice, anti-.beta.-secretase antibodies, and their uses in screening drugs for treating neurodegenerative diseases
IN Wong, Philip C.; Cai, Huaibin; Price, Donald L.
PA USA
SO U.S. Pat. Appl. Publ., 34 pp., Cont.-in-part of U.S. Ser. No. 708,096.
CODEN: USXXCO
DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002157122	A1	20021024	US 2001-3630	20011029
PRAI	US 2000-244051P	P	20001027		
	US 2000-708096	A2	20001103		

L3 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:676304 CAPLUS
DN 137:180800
TI Transgenic knockouts of BACE-1 gene in mouse
IN McConlogue, Lisa C.; Gurney, Mark E.
PA Elan Pharmaceuticals, Inc., USA; Pharmacia & Upjohn Company
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002068955	A1	20020906	WO 2002-US5639	20020222
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2001-271092P	P	20010223		

US 2001-271514P P 20010226

US 2001-293762P P 20010225

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:465724 CAPLUS
DN 137:46063
TI .beta.-Secretase transgenic mouse and anti-.beta.-secretase antibodies:
diagnosis and therapy of Alzheimer's disease
IN Wong, Philip C.; Cai, Huabin; Price, Donald L.
PA The Johns Hopkins University School of Medicine, USA
SO PCT Int. Appl., 94 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002047466	A2	20020620	WO 2001-US50771	20011029
	W:	AM, AT, BA, BR, BY, BZ, CH, CN, CU, CZ, DK, DM, ES, FI, GB, HR, HU, ID, IL, IN, KG, KR, LK, LR, LT, LU, MD, MG, MW, PH, PL, RO, RU, SD, SE, SI, SK, TJ, TM, TR, TT, TZ, VN, ZA, AM, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, BE, CY, DK, ES, FI, GB, GR, IE, NL, PT, CG, CI, GA, GN, MR, NE, SN, TD, TG			
	AU 2002043391	A5	20020624	AU 2002-43391	20011029
PRAI	US 2000-244051P	P	20001027		
	US 2000-708096	A	20001103		
	WO 2001-US50771	W	20011029		

L3 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:465395 CAPLUS
DN 137:229664
TI ***BACE1*** interacts with nicastrin
AU Hattori, Chinatsu; Asai, Masashi; Oma, Yoko; Kino, Yoshihiro; Sasagawa, Noboru; Saïdo, Takaomi C.; Maruyama, Kei; Ishiura, Shoichi
CS Department of Life Sciences, University of Tokyo, Graduate School of Arts and Sciences, Meguro-ku, Tokyo, 153-8902, Japan
SO Biochemical and Biophysical Research Communications (2002), 293(4), 1228-1232
CODEN: BBRCA9; ISSN: 0006-291X
PB Elsevier Science
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:445137 CAPLUS
DN 137:136786
TI Splice variants of the .beta.-site APP-cleaving enzyme ***BACE1*** in human brain and pancreas
AU Ehehalt, Robert; Michel, Beate; De Pietri Tonelli, Davide; Zacchetti, Daniele; Simons, Kai; Keller, Patrick
CS Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, D-01307, Germany
SO Biochemical and Biophysical Research Communications (2002), 293(1), 30-37
CODEN: BBRCA9; ISSN: 0006-291X
PB Elsevier Science
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:323722 CAPLUS
DN 137:210257
TI Inhibition of BACE, a promising approach to Alzheimer's disease therapy
AU Roggo, Silvio
CS Therapeutic Area Nervous System, Pharma Research, Novartis Pharma AG, Basel, CH-4056, Switz.
SO Current Topics in Medicinal Chemistry (Hilversum, Netherlands) (2002), 2(4), 359-370
CODEN: CTMCCJ; ISSN: 1568-0266
PB Bentham Science Publishers Ltd.
DT Journal; General Review

LA English

RE.CNT 99 THERE ARE 99 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 15 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2002:112503 CAPLUS
DN 136:292413
TI Perspectives: Biomedicine: A cargo receptor mystery APParently solved?
AU Sisodia, Sangram S.
CS Center Molecular Neurobiology, Chicago, IL, 60637, USA
SO Science (Washington, DC, United States) (2002), 295(5556), 805-807
CODEN: SCIEAS; ISSN: 0036-8075
PB American Association for the Advancement of Science
DT Journal; General Review
LA English
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:922289 CAPLUS
DN 137:18699
TI Presence of ***BACE1*** and BACE2 in muscle fibres of patients with sporadic inclusion-body myositis
AU Vattemi, Gaetano; Engel, W. King; McFerrin, Janis; Buxbaum, Joseph D.; Pastorino, Lucia; Askanas, Valerie
CS USC Neuromuscular Center, Department of Neurology, University of Southern California Keck School of Medicine, Good Samaritan Hospital, Los Angeles, CA, USA
SO Lancet (2001), 358(9297), 1962-1964
CODEN: LANCAO; ISSN: 0140-6736
PB Lancet Ltd.
DT Journal
LA English
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:888414 CAPLUS
DN 136:132954
TI Alzheimer's .beta.-secretase, .beta.-site ***amyloid*** precursor protein-cleaving enzyme, is responsible for cleavage secretion of a Golgi-resident sialyltransferase
AU Kitazume, Shinobu; Tachida, Yuriko; Oka, Ritsuko; Shirotani, Keiro; Saido, Takaomi C.; Hashimoto, Yasuhiro
CS Glyco-chain Functions Laboratory, Supra-biomolecular System Group, Frontier Research System, wako, 351-0198, Japan
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(24), 13554-13559
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:846151 CAPLUS
DN 136:100021
TI The .beta.-secretase, BACE. A prime drug target for Alzheimer's disease
AU Vassar, Robert
CS Department of Cell and Molecular Biology, Northwestern University Medical School, Chicago, IL, 60611, USA
SO Journal of Molecular Neuroscience (2001), 17(2), 157-170
CODEN: JMNEES; ISSN: 0895-8696
PB Humana Press Inc.
DT Journal; General Review
LA English
RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:728889 CAPLUS
DN 136:17205
TI The transmembrane domain of the Alzheimer's .beta.-secretase (***BACE1***) determines its late Golgi localization and access to .beta.-***amyloid*** precursor protein (APP) substrate

AU Yan, Riqiang; Han, Ping; Miao, Huiyi; Greengard, Paul; Xu, Huxi
CS Department of Cell & Molecular Biology, Pharmacia Corporation, Kalamazoo,
MI, 49007, USA
SO Journal of Biological Chemistry (2001), 276(39), 36788-36796
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:678676 CAPLUS
DN 135:340729
TI BACE2 functions as an alternative .alpha.-secretase in cells
AU Yan, Riqiang; Munzner, Jennifer B.; Shuck, Mary E.; Bienkowski, Michael J.
CS Department of Cell and Molecular Biology, Pharmacia Corporation,
Kalamazoo, MI, 49007, USA
SO Journal of Biological Chemistry (2001), 276(36), 34019-34027
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:653815 CAPLUS
DN 135:328518
TI Compartmentalization of .beta.-secretase (Asp2) into low-buoyant density,
noncaveolar lipid rafts
AU Riddell, D. R.; Christie, G.; Hussain, I.; Dingwall, C.
CS Neurology Centre of Excellence for Drug Discovery, GlaxoSmithKline,
Harlow, CM19 5AW, UK
SO Current Biology (2001), 11(16), 1288-1293
CODEN: CUBLE2; ISSN: 0960-9822
PB Cell Press
DT Journal
LA English
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:522995 CAPLUS
DN 136:240881
TI Human .beta.-secretase and Alzheimer's disease
AU Citron, Martin
CS Department of Neuroscience, Amgen, Inc., Thousand Oaks, CA, 91320, USA
SO Expert Opinion on Therapeutic Targets (2001), 5(3), 341-348
CODEN: EOTTAO; ISSN: 1472-8222
PB Ashley Publications Ltd.
DT Journal; General Review
LA English
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:511993 CAPLUS
DN 136:116680
TI Association studies using novel polymorphisms in ***BACE1*** and BACE2
AU Nowotny, Petra; Kwon, Jennifer M.; Chakraverty, Sumi; Nowotny, Volker;
Morris, John C.; Goate, Alison M.
CS Department of Psychiatry (88134), Washington University School of
Medicine, St. Louis, MO, 63110-1093, USA
SO NeuroReport (2001), 12(9), 1799-1802
CODEN: NERPEZ; ISSN: 0959-4965
PB Lippincott Williams & Wilkins
DT Journal
LA English
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2003 ACS
AN 2001:159879 CAPLUS
DN 134:339104
TI ***BACE1*** is the major .beta.-secretase for generation of A.beta.

peptides by neurons
 AU Cai, Huaibin; Wang, Yanshu; McCarthy, Diane; Wen, Hongjin; Chelt, David
 R.; Price, Donald L.; Wong, Philip C.
 CS Department of Pathology, The Johns Hopkins University School of Medicine,
 Baltimore, MD, 21205, USA
 SO Nature Neuroscience (2001), 4(3), 233-234
 CODEN: NANEFN; ISSN: 1097-6256
 PB Nature America Inc.
 DT Journal
 LA English
 RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:159878 CAPLUS
 DN 134:339103
 TI Mice deficient in ***BACE1***, the Alzheimer's .beta.-secretase, have
 normal phenotype and abolished .beta.- ***amyloid*** generation
 AU Luo, Yi; Bolon, Brad; Kahn, Steve; Bennett, Brian D.; Babu-Khan, Safura;
 Denis, Paul; Fan, Wei; Kha, Hue; Zhang, Jianhua; Gong, Yunhua; Martin,
 Laura; Louis, Jean-Claude; Yan, Qiao; Richards, William G.; Citron,
 Martin; Vassar, Robert
 CS Amgen, Thousand Oaks, CA, 91320, USA
 SO Nature Neuroscience (2001), 4(3), 231-232
 CODEN: NANEFN; ISSN: 1097-6256
 PB Nature America Inc.
 DT Journal
 LA English
 RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:603461 CAPLUS
 DN 133:280000
 TI BACE2, a .beta.-secretase homolog, cleaves at the .beta. site and within
 the ***amyloid*** -.beta. region of the ***amyloid*** -.beta.
 precursor protein
 AU Farzan, Michael; Schnitzler, Christine E.; Vasilieva, Natalya; Leung,
 Doris; Choe, Hyeryun
 CS Department of Cancer Immunology and AIDS, Dana-Farber Cancer Institute,
 Boston, MA, 02115, USA
 SO Proceedings of the National Academy of Sciences of the United States of
 America (2000), 97(17), 9712-9717
 CODEN: PNASA6; ISSN: 0027-8424
 PB National Academy of Sciences
 DT Journal
 LA English
 RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file MEDLINE

=> s beta-site APP-cleaving enzyme 1

443786 BETA
 426 BETAS
 443860 BETA
 (BETA OR BETAS)
 337459 SITE
 364566 SITES
 595304 SITE
 (SITE OR SITES)
 4541 APP
 252 APPS
 4599 APP
 (APP OR APPS)
 4808 CLEAVING
 515388 ENZYME
 182231 ENZYMES
 627221 ENZYME
 (ENZYME OR ENZYMES)

2935532 1
 L4 69 BETA-SITE APP-CLEAVING ENZYME 1
 (BETA(W)SITE(W)APP(W)CLEAVING(W)ENZYME(W)1)

=> S L4 AND amyloid
 20606 AMYLOID

177 AMYLOIDS
20627 AMYLOID
(AMYLOID OR AMYLOIDS)
L5 63 L4 AND AMYLOID

=> S L5 AND antibody
404664 ANTIBODY
420532 ANTIBODIES
625542 ANTIBODY
(ANTIBODY OR ANTIBODIES)
L6 7 L5 AND ANTIBODY

=> D L6 1-7

L6 ANSWER 1 OF 7 MEDLINE
AN 2002464035 MEDLINE
DN 22211344 PubMed ID: 12223024
TI Beta-secretase protein and activity are increased in the neocortex in Alzheimer disease.
CM Comment in: Arch Neurol. 2002 Sep;59(9):1367-8
AU Fukumoto Hiroaki; Cheung Bonnie S; Hyman Bradley T; Irizarry Michael C
CS Alzheimer Disease Research Unit, Center for Aging, Genetics, and Neurodegeneration, Massachusetts General Hospital-East, Bldg 114, Room 2010, 114 16th Street, Charlestown, MA 02129, USA.
NC AG00793 (NIA)
AG05134 (NIA)
MH/NS 31862 (NIMH)
SO ARCHIVES OF NEUROLOGY, (2002 Sep) 59 (9) 1381-9.
Journal code: 0372436. ISSN: 0003-9942.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200210
ED Entered STN: 20020912
Last Updated on STN: 20021008
Entered Medline: 20021007

L6 ANSWER 2 OF 7 MEDLINE
AN 2002154744 MEDLINE
DN 21883950 PubMed ID: 11779865
TI Endosomal proteolysis of internalized insulin at the C-terminal region of the B chain by cathepsin D.
AU Authier Francois; Metioui Mourad; Fabrega Sylvie; Kouach Mostafa; Briand Gilbert
CS INSERM U510, Faculte de Pharmacie Paris XI, 92296 Chatenay-Malabry, France.. francois.authier@cep.u-psud.fr
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Mar 15) 277 (11) 9437-46.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200204
ED Entered STN: 20020312
Last Updated on STN: 20030105
Entered Medline: 20020405

L6 ANSWER 3 OF 7 MEDLINE
AN 2002088343 MEDLINE
DN 21591165 PubMed ID: 11816797
TI Potential treatment opportunities for Alzheimer's disease through inhibition of secretases and Abeta immunization.
AU Schenk D; Games D; Seubert P
CS Elan Pharmaceuticals, San Francisco, CA 94080, USA..
dale.schenk@elancorp.com
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (2001 Oct) 17 (2) 259-67. Ref: 63
Journal code: 9002991. ISSN: 0895-8696.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200205
ED Entered STN: 20020131

- L6 ANSWER 4 OF 7 MEDLINE
AN 2001699271 MEDLINE
DN 21615400 PubMed ID: 11747923
TI Presence of BACE1 and BACE2 in muscle fibres of patients with sporadic inclusion-body myositis.
AU Vatterli G; Engel W K; McFerrin J; Buxbaum J D; Pastorino L; Askanas V
NC AG16768 (NIA)
AG4996 (NIA)
SO LANCET, (2001 Dec 8) 358 (9297) 1962-4.
Journal code: 2985213R. ISSN: 0140-6736.
CY England: United Kingdom
DT Letter
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200201
ED Entered STN: 20011219
Last Updated on STN: 20020125
Entered Medline: 20020117
- L6 ANSWER 5 OF 7 MEDLINE
AN 2001286972 MEDLINE
DN 21179133 PubMed ID: 11152688
TI Post-translational processing of beta-secretase (beta- ***amyloid***-converting enzyme) and its ectodomain shedding. The pro- and transmembrane/cytosolic domains affect its cellular activity and ***amyloid***-beta production.
AU Benjannet S; Elagöz A; Wickham L; Mamarbachi M; Munzer J S; Basak A; Lazure C; Cromlish J A; Sisodia S; Checler F; Chretien M; Seidah N G
CS Biochemical Neuroendocrinology, Clinical Research Institute of Montreal, Montreal, Quebec H2W 1R7, Canada.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Apr 6) 276 (14) 10879-87.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200105
ED Entered STN: 20010529
Last Updated on STN: 20030105
Entered Medline: 20010524
- L6 ANSWER 6 OF 7 MEDLINE
AN 2001251125 MEDLINE
DN 21226693 PubMed ID: 11278841
TI Phosphorylation regulates intracellular trafficking of beta-secretase.
AU Walter J; Fluhrer R; Hartung B; Willem M; Kaether C; Capell A; Lammich S; Multhaup G; Haass C
CS Adolf Butenandt-Institute, Department of Biochemistry, Laboratory for Alzheimer's and Parkinson's Disease Research, Ludwig-Maximilians-University, 44 Schillerstrasse, 80336 Munich, Germany..
jwalter@pbm.med.uni-muenchen.de
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 May 4) 276 (18) 14634-41.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200106
ED Entered STN: 20010702
Last Updated on STN: 20030105
Entered Medline: 20010628
- L6 ANSWER 7 OF 7 MEDLINE
AN 2000144060 MEDLINE
DN 20144060 PubMed ID: 10677483
TI Human aspartic protease memapsin 2 cleaves the beta-secretase site of beta- ***amyloid*** precursor protein.
AU Lin X; Koelsch G; Wu S; Downs D; Dashti A; Tang J
CS Protein Studies Program, Oklahoma Medical Research Foundation, and Department of Biochemistry, University of Oklahoma Health Sciences Center, Oklahoma City, OK 73104, USA.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2000 Feb 15) 97 (4) 1456-60.

CY Journal code: 7505876. ISSN: 0027-8424.
DT United States
LA Journal; Article; (JOURNAL ARTICLE)
FS English
OS Priority Journals
EM GENBANK-AF200192; GENBANK-AF200193
ED 200003
Entered STN: 20000330
Last Updated on STN: 20020917
Entered Medline: 20000323

=> S BACE1
L7 19 BACE1

=> D L7 1-19

L7 ANSWER 1 OF 19 MEDLINE
AN 2003023375 MEDLINE
DN 22403954 PubMed ID: 12515826
TI Amyloidogenic processing of the Alzheimer beta-amyloid precursor protein depends on lipid rafts.
AU Ehehalt Robert; Keller Patrick; Haass Christian; Thiele Christoph; Simons Kai
CS Max Planck Institute of Molecular Cell Biology and Genetics, D-01307 Dresden, Germany.
SO JOURNAL OF CELL BIOLOGY, (2003 Jan 6) 160 (1) 113-23.
Journal code: 0375356. ISSN: 0021-9525.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200302
ED Entered STN: 20030118
Last Updated on STN: 20030211
Entered Medline: 20030210

L7 ANSWER 2 OF 19 MEDLINE
AN 2003003460 IN-PROCESS
DN 22397635 PubMed ID: 12509807
TI Astrocytic expression of the Alzheimer's disease beta-secretase (***BACE1***) is stimulus-dependent.
AU Hartlage-Rubsamen Maike; Zeitschel Ulrike; Apelt Jenny; Gartner Ulrich; Franke Heike; Stahl Tobias; Gunther Albrecht; Schliebs Reinhard; Penkowa Milena; Bigl Volker; Rossner Steffen
CS Department of Neurochemistry, Paul Flechsig Institute for Brain Research, University of Leipzig, Leipzig, Germany.
SO GLIA, (2003 Jan 15) 41 (2) 169-79.
Journal code: 8806785. ISSN: 0894-1491.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20030103
Last Updated on STN: 20030103

L7 ANSWER 3 OF 19 MEDLINE
AN 2002714209 MEDLINE
DN 22310949 PubMed ID: 12423367
TI Enzymic properties of recombinant BACE2.
AU Kim Yong-Tae; Downs Deborah; Wu Shili; Dashti Azar; Pan Yujun; Zhai Peng; Wang Xinjuan; Zhang Xuejun C; Lin Xinli
CS Functional Proteomics Laboratory and Crystallography Program, Oklahoma Medical Research Foundation, Oklahoma City, OK 73104, USA.
NC R01-AI46298 (NIAID)
SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (2002 Nov) 269 (22) 5668-77.
Journal code: 0107600. ISSN: 0014-2956.
CY Germany: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200301
ED Entered STN: 20021217
Last Updated on STN: 20030115
Entered Medline: 20030114

L7 ANSWER 4 OF 19 MEDLINE
AN 2002709467 IN-PROCESS
DN 22359439 PubMed ID: 12470797
TI Emerging Alzheimer's disease therapies: inhibition of beta-secretase.
AU Citron Martin
CS Department of Neuroscience, M/S 29-2-B, Amgen Inc., One Amgen Center
Drive, 91320, Thousand Oaks, CA, USA.
SO NEUROBIOLOGY OF AGING, (2002 Nov-Dec) 23 (6) 1017-22.
Journal code: 8100437. ISSN: 0197-4580.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20021217
Last Updated on STN: 20021217

L7 ANSWER 5 OF 19 MEDLINE
AN 2002691836 IN-PROCESS
DN 22340374 PubMed ID: 12453676
TI beta-Secretase (BACE) as a drug target for alzheimer's disease.
AU Vassar Robert
CS Northwestern University Medical School, Department of Cell and Molecular
Biology, 303 East Chicago Avenue, 60611, Chicago, IL, USA.
SO Adv Drug Deliv Rev, (2002 Dec 7) 54 (12) 1589-602.
Journal code: 8710523. ISSN: 0169-409X.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20021214
Last Updated on STN: 20021214

L7 ANSWER 6 OF 19 MEDLINE
AN 2002632809 MEDLINE
DN 22278746 PubMed ID: 12391600
TI Beta-secretase as a target for the treatment of Alzheimer's disease.
AU Citron Martin
CS Department of Neuroscience, Amgen Inc, Thousand Oaks, California 91320,
USA.. mcitron@amgen.com
SO JOURNAL OF NEUROSCIENCE RESEARCH, (2002 Nov 1) 70 (3) 373-9. Ref: 40
Journal code: 7600111. ISSN: 0360-4012.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200212
ED Entered STN: 20021023
Last Updated on STN: 20021218
Entered Medline: 20021213

L7 ANSWER 7 OF 19 MEDLINE
AN 2002312706 MEDLINE
DN 22050120 PubMed ID: 12054507
TI ***BACE1*** interacts with nicastrin.
AU Hattori Chinatsu; Asai Masashi; Oma Yoko; Kino Yoshihiro; Sasagawa Noboru;
Saido Takaomi C; Maruyama Kei; Ishiura Shoichi
CS Department of Life Sciences, Graduate School of Arts and Sciences,
University of Tokyo, Meguro-ku, Tokyo 153-8902, Japan.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2002 May 17) 293 (4)
1228-32.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200206
ED Entered STN: 20020611
Last Updated on STN: 20020629
Entered Medline: 20020628

L7 ANSWER 8 OF 19 MEDLINE
AN 2002311107 MEDLINE
DN 22049977 PubMed ID: 12054559
TI Splice variants of the beta-site APP-cleaving enzyme ***BACE1*** in

human brain and pancreas.
AU Ehehalt Robert; Michel Beauregard; De Pietri Tonelli Davide; Zaccaretti Daniele;
Simons Kai; Keller Patrick
CS Max Planck Institute of Molecular Cell Biology and Genetics,
Pfotenhauerstrasse 108, D-01307 Dresden, Germany.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2002 Apr 26) 293 (1)
30-7.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200207
ED Entered STN: 20020611
Last Updated on STN: 20020707
Entered Medline: 20020705

L7 ANSWER 9 OF 19 MEDLINE
AN 2002229593 MEDLINE
DN 21963781 PubMed ID: 11966460
TI Inhibition of BACE, a promising approach to Alzheimer's disease therapy.
AU Roggo Silvio
CS Therapeutic Area Nervous System, Pharma Research, Novartis Pharma AG,
WSJ-507.605A, Lichtstrasse 35, CH-4056 Basel, Switzerland..
silvio.roggo@pharma.novartis.com
SO Curr Top Med Chem, (2002 Apr) 2 (4) 359-70. Ref: 99
Journal code: 101119673. ISSN: 1568-0266.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200209
ED Entered STN: 20020423
Last Updated on STN: 20020913
Entered Medline: 20020912

L7 ANSWER 10 OF 19 MEDLINE
AN 2002088335 MEDLINE
DN 21591157 PubMed ID: 11816789
TI The beta-secretase, BACE: a prime drug target for Alzheimer's disease.
AU Vassar R
CS Northwestern University Medical School, Department of Cell and Molecular
Biology, Chicago, IL 60611, USA.. r-vassar@northwestern.edu
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (2001 Oct) 17 (2) 157-70. Ref: 63
Journal code: 9002991. ISSN: 0895-8696.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200205
ED Entered STN: 20020131
Last Updated on STN: 20020508
Entered Medline: 20020507

L7 ANSWER 11 OF 19 MEDLINE
AN 2001699271 MEDLINE
DN 21615400 PubMed ID: 11747923
TI Presence of ***BACE1*** and BACE2 in muscle fibres of patients with
sporadic inclusion-body myositis.
AU Vattermi G; Engel W K; McFerrin J; Buxbaum J D; Pastorino L; Askanas V
NC AG16768 (NIA)
AG4996 (NIA)
SO LANCET, (2001 Dec 8) 358 (9297) 1962-4.
Journal code: 2985213R. ISSN: 0140-6736.
CY England: United Kingdom
DT Letter
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200201
ED Entered STN: 20011219
Last Updated on STN: 20020125
Entered Medline: 20020117

L7 ANSWER 12 OF 19 MEDLINE
 AN 2001678602 MEDLINE
 DN 21574546 PubMed ID: 11698669
 TI Alzheimer's beta-secretase, beta-site amyloid precursor protein-cleaving enzyme, is responsible for cleavage secretion of a Golgi-resident sialyltransferase.
 AU Kitazume S; Tachida Y; Oka R; Shirotani K; Saido T C; Hashimoto Y
 CS Glyco-chain Functions Laboratory, Supra-biomolecular System Group, Frontier Research System, The Institute of Physical and Chemical Research (RIKEN), 2-1 Hirosawa, Wako-shi, Saitama 351-0198, Japan.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2001 Nov 20) 98 (24) 13554-9.
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200201
 ED Entered STN: 20011129
 Last Updated on STN: 20030105
 Entered Medline: 20020108

L7 ANSWER 13 OF 19 MEDLINE
 AN 2001522252 MEDLINE
 DN 21453318 PubMed ID: 11466313
 TI The transmembrane domain of the Alzheimer's beta-secretase (***BACE1***) determines its late Golgi localization and access to beta -amyloid precursor protein (APP) substrate.
 AU Yan R; Han P; Miao H; Greengard P; Xu H
 CS Department of Cell & Molecular Biology, Pharmacia Corporation, Kalamazoo, Michigan 49007, USA.. ryan@pharmacia.com
 NC AG09464 (NIA)
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Sep 28) 276 (39) 36788-96.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200111
 ED Entered STN: 20010925
 Last Updated on STN: 20030105
 Entered Medline: 20011101

L7 ANSWER 14 OF 19 MEDLINE
 AN 2001490435 MEDLINE
 DN 21423938 PubMed ID: 11423558
 TI BACE2 functions as an alternative alpha-secretase in cells.
 AU Yan R; Munzner J B; Shuck M E; Bienkowski M J
 CS Department of Cell and Molecular Biology, Pharmacia Corporation, Kalamazoo, Michigan 49007, USA.. ryan@pharmacia.com
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Sep 7) 276 (36) 34019-27.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200110
 ED Entered STN: 20010905
 Last Updated on STN: 20030105
 Entered Medline: 20011011

L7 ANSWER 15 OF 19 MEDLINE
 AN 2001482544 MEDLINE
 DN 21417181 PubMed ID: 11525745
 TI Compartmentalization of beta-secretase (Asp2) into low-buoyant density, noncaveolar lipid rafts.
 AU Riddell D R; Christie G; Hussain I; Dingwall C
 CS Neurology Centre of Excellence for Drug Discovery, GlaxoSmithKline, New Frontiers Science Park, Third Avenue, Harlow CM19 5AW, United Kingdom.
 SO CURRENT BIOLOGY, (2001 Aug 21) 11 (16) 1288-93.
 Journal code: 9107782. ISSN: 0960-9822.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals

EM 200112
ED Entered STN: 20010830
Last Updated on STN: 20020122
Entered Medline: 20011207

L7 ANSWER 16 OF 19 MEDLINE
AN 2001378624 MEDLINE
DN 21329618 PubMed ID: 11435901
TI Association studies using novel polymorphisms in ***BACE1*** and BACE2.
AU Nowotny P; Kwon J M; Chakraverty S; Nowotny V; Morris J C; Goate A M
CS Department of Psychiatry (B8134), Washington University School of Medicine, 660 S. Euclid, St. Louis, MO 63110-1093, USA.
NC AG05681 (NIA)
AG16208 (NIA)
MH31302 (NIMH)
SO NEUROREPORT, (2001 Jul 3) 12 (9) 1799-802.
Journal code: 9100935. ISSN: 0959-4965.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200108
ED Entered STN: 20010827
Last Updated on STN: 20010827
Entered Medline: 20010823

L7 ANSWER 17 OF 19 MEDLINE
AN 2001196664 MEDLINE
DN 21127801 PubMed ID: 11224536
TI ***BACE1*** is the major beta-secretase for generation of Abeta peptides by neurons.
AU Cai H; Wang Y; McCarthy D; Wen H; Borchelt D R; Price D L; Wong P C
CS Department of Pathology, The Johns Hopkins University School of Medicine, Baltimore, Maryland 21205, USA.
NC 1P01 AG14248 (NIA)
2P50 AG05146 (NIA)
SO NATURE NEUROSCIENCE, (2001 Mar) 4 (3) 233-4.
Journal code: 9809671. ISSN: 1097-6256.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200104
ED Entered STN: 20010410
Last Updated on STN: 20010410
Entered Medline: 20010405

L7 ANSWER 18 OF 19 MEDLINE
AN 2001196663 MEDLINE
DN 21127800 PubMed ID: 11224535
TI Mice deficient in ***BACE1***, the Alzheimer's beta-secretase, have normal phenotype and abolished beta-amyloid generation.
AU Luo Y; Bolon B; Kahn S; Bennett B D; Babu-Khan S; Denis P; Fan W; Kha H; Zhang J; Gong Y; Martin L; Louis J C; Yan Q; Richards W G; Citron M; Vassar R
CS Amgen, One Amgen Center Drive, MS 29-2-B, Thousand Oaks, California 91320, USA.
SO NATURE NEUROSCIENCE, (2001 Mar) 4 (3) 231-2.
Journal code: 9809671. ISSN: 1097-6256.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200104
ED Entered STN: 20010410
Last Updated on STN: 20010410
Entered Medline: 20010405

L7 ANSWER 19 OF 19 MEDLINE
AN 93353621 MEDLINE
DN 93353621 PubMed ID: 8350404
TI Glycoprotein E1 of hog cholera virus expressed in insect cells protects swine from hog cholera.
AU Hulst M M; Westra D F; Wensvoort G; Moormann R J
CS Central Veterinary Institute, Virology Department, Lelystad, The

Netherlands.
SO JOURNAL OF VIROLOGY, (1991 Sep) 67 (9) 5435-42.
Journal code: 0113724. ISSN: 0022-538X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199309
ED Entered STN: 19931001
Last Updated on STN: 19931001
Entered Medline: 19930913
STN INTERNATIONAL LOGOFF AT 17:20:50 ON 24 FEB 2003